

Figure 1

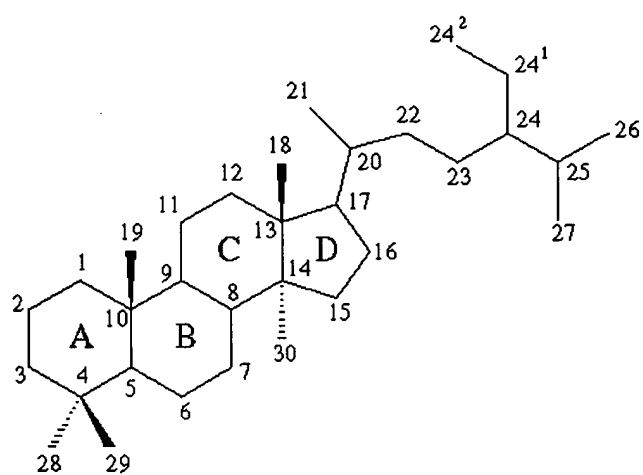
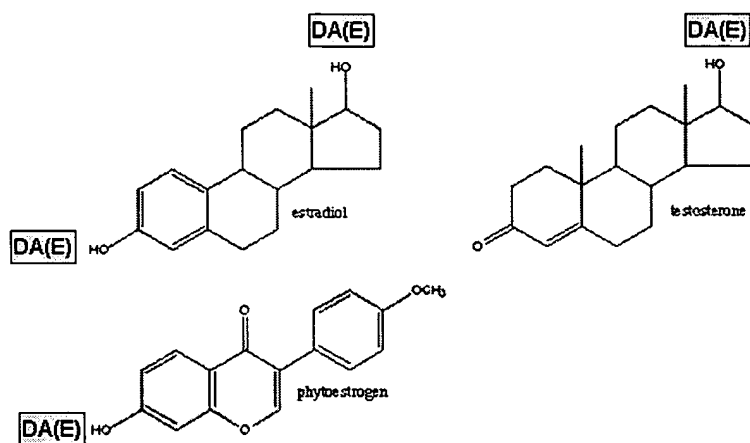
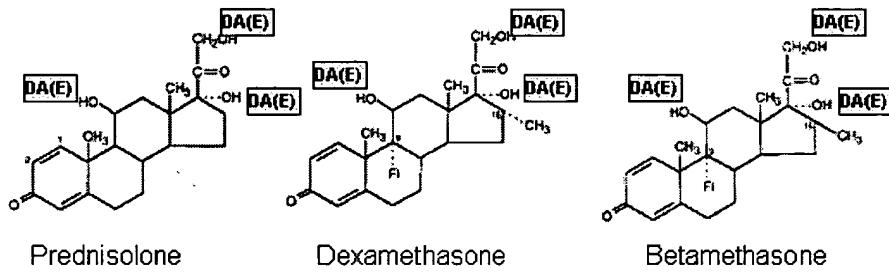


Figure 2



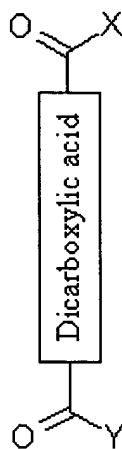
DA(E) = Dicarboxylic Acid Conjugate (through an ESTER bond)

Figure 3



DA(E) = Dicarboxylic Acid Conjugate (through an ESTER bond)

Figure 4



Wherein:

- X = Steroid moiety
- Y = X, OH, -OR, -NH₂, -NHR or NR₂
- R = -Alkyl, -Aryl, -(CH₂)_m-Aryl, -(CH₂)_m-OH, -(CH₂)_m-NH₂, or -(CH₂)_m-SH
- m = 0, 1, 2, 3, 4 or 5

Figure 5

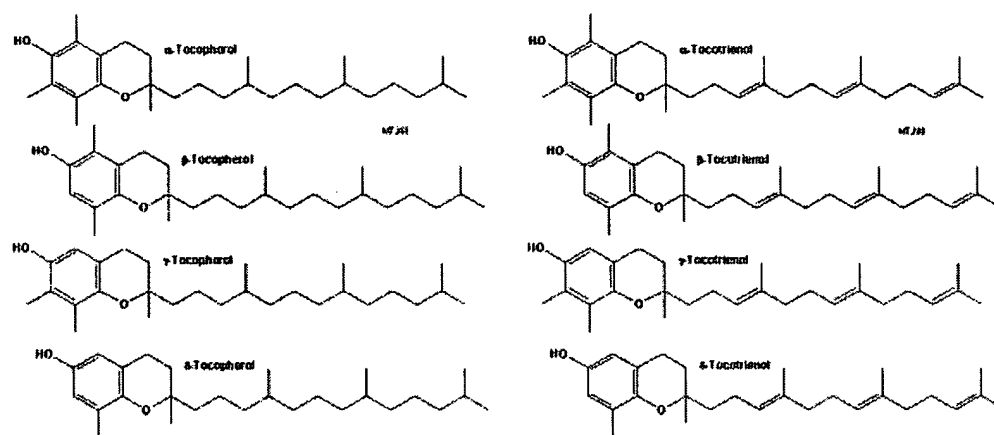
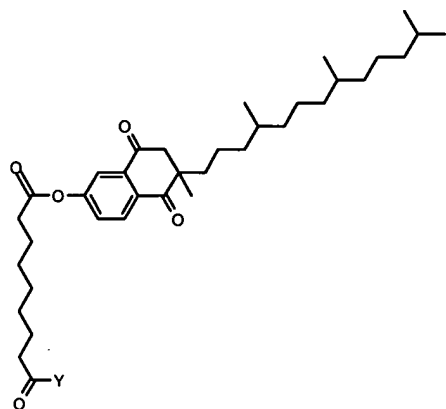
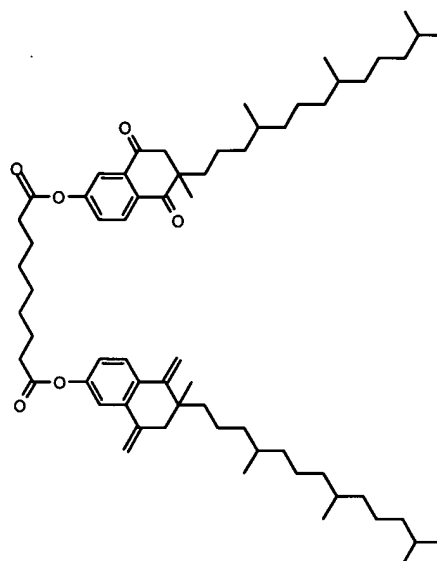


Figure 6

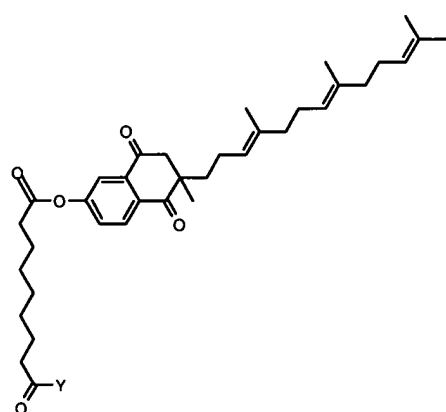
Azelaic acid linked with one Tocopherol molecule



Azelaic acid linked with two Tocopherol molecules



Azelaic acid linked with one Tocotrienol molecule



Azelaic acid linked with two Tocotrienol molecules

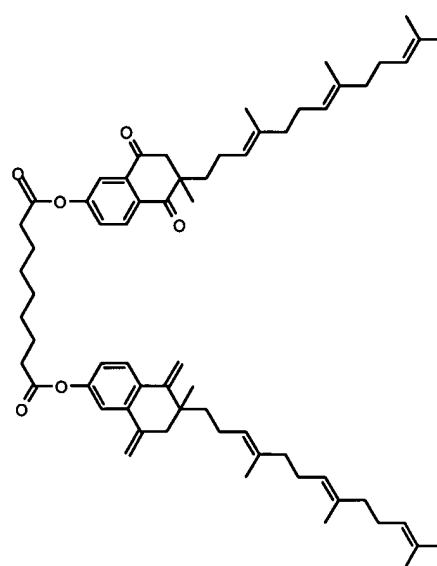
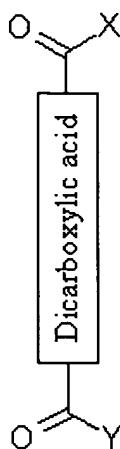


Figure 7



Wherein:

- X = Vitamin D moiety
- Y = X, OH, -OR, -NH₂, -NHR or NR₂
- R = -Alkyl, -Aryl, -(CH₂)_m-Aryl, -(CH₂)_m-OH, -(CH₂)_m-NH₂, or -(CH₂)_m-SH
- m = 0, 1, 2, 3, 4 or 5